

Converting Colors

YUV(214.8590, 6.9715,
-42.8493)

Have a look what the booklet for
YUV(214.8590, 6.9715, -42.8493)
contains.

YUV(214.8590, 6.9715, -42.8493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.8590, 6.9715,
-42.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EDE5
RGB	166, 237, 229
RGB Percent	65%, 93%, 90%
CMY	0.3490, 0.0706, 0.1020
CMYK	0.30, 0.00, 0.03, 0.07
HSL	173°, 66%, 79%
HSV	173°, 30%, 93%
XYZ	60.1529, 74.3325, 85.3060
YIQ	214.8590, -39.7480, -17.5400

Conversions

Conversions Part 2

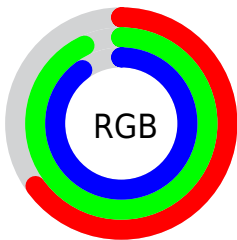
Format	Color
R _Y B	166, 204, 237
Decimal	10939877
CIE Lab	89.08, -23.65, -3.20
CIE LCh	89, 23.862, 187.717
Yxy	74.3325, 0.2737, 0.3382
Android (android.graphics.Color)	4289129957 (0xFFA6EDE5)
YUV	214.8590, 6.9715, -42.8493
Hunter-Lab	86.2163, -26.3395, 1.6874

Details

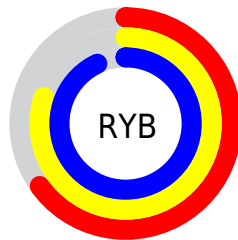
The YUV color **214.8590, 6.9715, -42.8493** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **188.1410, -6.9715, 42.8493**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **159.2720, 7.2609, -42.3345** is the 20% darker color. If you saturate the color by 10%, you get **207.3410, 9.1989, -57.3041**, and if you desaturate by 10%, it is **222.3770, 4.7441, -28.3946**.

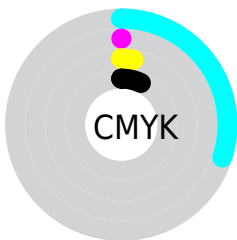
Distribution



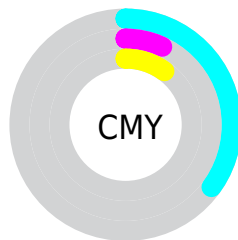
- Red (65%)
- Green (93%)
- Blue (90%)



- Red (65%)
- Yellow (80%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8590, 6.9715, -42.8493 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 214.8590, 6.9715, -42.8493 by changing the saturation by 10% instead.

214.8590, 6.9715,
-42.8493

214.8590, 6.9715,
-42.8493

255.0000, 0.0000,
0.0000

186.8590, 6.9715,
-42.8493

245.4320, 4.7170,
-19.6729

159.2720, 7.2609,
-42.3345

254.1030, 0.4422,
-1.8443

132.5710, 7.1135,
-41.7198

106.2720, 7.2609,
-42.3345

79.3040, 8.7241,
-44.9936

54.1080, 9.3138,
-47.4527

37.9850, 5.9234,

-33.3128

■ 23.2640, 2.8278,
-20.4025

■ 0.4560, 1.7472,
-0.3999

■ 214.8590, 6.9715,
-42.8493

■ 214.8590, 6.9715,
-42.8493

■ 207.3410, 9.1989,
-57.3041

■ 222.3770, 4.7441,
-28.3946

■ 200.2360, 11.7157,
-71.2440

■ 229.4820, 2.2274,
-14.4547

■ 192.7180, 13.9430,
-85.6987

■ 237.0000, 0.0000,
0.0000

■ 185.2000, 16.1704,
-100.1534

■ 242.7240, -1.3429,
10.7661

■ 177.7960, 18.8346,
-114.7081

■ 242.9520, -0.4693,
10.5661

■ 170.5770, 20.9145,
-128.5480

■ 243.2940, 0.8411,
10.2662

■ 163.0590, 23.1419,
-143.0027

■ 243.6360, 2.1515,
9.9662

■ 243.8640, 3.0250,
9.7663

■ 244.2060, 4.3354,
9.4663

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.4450, -5.1494, -28.4543



214.8590, 6.9715, -42.8493



214.9970, 17.7495, -46.4784

Triad

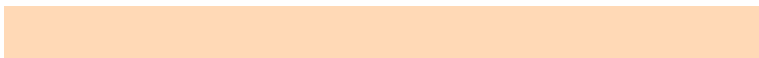
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214.8590, 6.9715, -42.8493



226.1270, 14.2344, 7.7816



224.3720, -20.8894, 26.8608

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



214.8590, 6.9715, -42.8493



188.1410, -6.9715, 42.8493

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.9730, -12.3117, 28.9647



214.8590, 6.9715, -42.8493



227.1030, 7.3442, 24.4657

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.8590, 6.9715, -42.8493



221.8530, 16.3415, -14.7801



223.3070, -2.1234, 27.7948



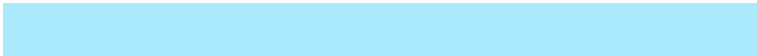
222.1590, -21.2774, 11.2616

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.8590, 6.9715, -42.8493



216.9700, 18.7488, -40.3157



223.3070, -2.1234, 27.7948



223.0670, -18.2740, 28.0052

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



214.8590, 6.9715, -42.8493



247.7810, 2.0800, -13.8399



210.0690, -21.7260, -31.6325



123.2870, 1.3375, -9.0217



0.0000, 0.0000, 0.0000



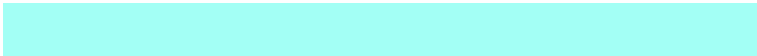
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.8590, 6.9715, -42.8493



226.3520, 9.1935, -55.5597



199.9220, 18.2795, -29.7496



113.5970, 1.1847, -6.6626



124.6010, 17.9447, -109.2751



37.1700, 5.3392, -32.5981

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



188.1410, -6.9715, 42.8493



191.7620, -8.7567, 55.4597



203.0780, -18.2795, 29.7496



109.4030, -1.1847, 6.6626



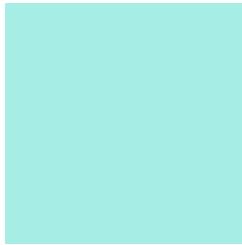
56.3990, -17.9447, 109.2751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 214.8590, 6.9715, -42.8493 looks on a white background.

Color Contrast Check

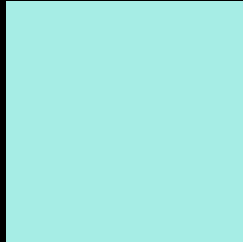
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 214.8590, 6.9715, -42.8493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

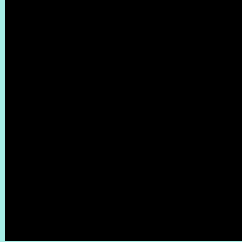
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

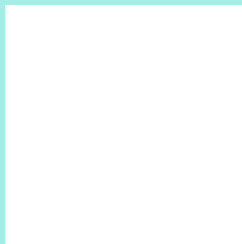
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.8590, 6.9715, -42.8493 Background



This preview shows how black text looks on a background with the YUV color 214.8590, 6.9715, -42.8493.



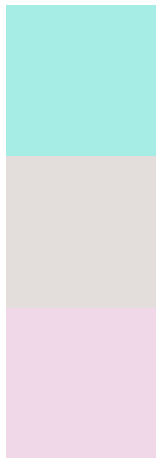
This preview shows how white text looks on a background with the YUV color 214.8590, 6.9715, -42.8493.

-42.8493.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

214.8590, 6.9715, -42.8493

Protanopia

223.2670, -1.6106, 3.2738

Deuteranopia

225.1140, 3.8878, 13.0550



Tritanopia

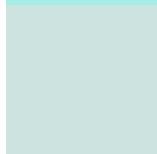
216.6280, 17.4384, -40.0158

Trichromacy



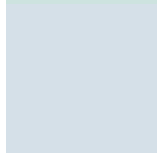
Original Color

214.8590, 6.9715, -42.8493



Protanomaly

219.9660, 1.4958, -13.1252



Deuteranomaly

221.6230, 5.1159, -7.5624



Tritanomaly

215.7050, 13.9494, -40.9603

Monochromacy



Original Color

214.8590, 6.9715, -42.8493



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.8840, 2.5222, -15.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8590, 6.9715, -42.8493 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 237, 229)` looks like.

```
.text, #text, p{  
    color:rgb(166, 237, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 237, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 237, 229) }
```

Border

The CSS property to change the border of an element to YUV 214.8590, 6.9715, -42.8493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 237, 229) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(166, 237, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(166, 237, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 237, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 237, 229);  
box-shadow:4px 4px 4px 4px rgb(166, 237,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 214.8590, 6.9715, -42.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 237, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166,  
237, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor